EMENT BOOK

Dimensions			Contents	Reference to last Measurem
Length	Breadth	Depth		
4	5	6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

SBR - 92/17-18, dt-28/7/17

No. B 184038

No. 2st and part bill:-

e of work Improvements to roads & From drains in Sanjeevinagara in ward no.07 To

e of Contractor of nature of Agency by alarayanapura: M/s.KRIDL

of commencement of work BRNO: 276/29-7-17

Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
		Length	Breadth	Depth		
2	3	4	5	6	7	8
Est. Cost:-	Rs. 50.60 lakhs.					
Job Number:-	007-17-000002					
Head of Account:-	P3111					
A.S.No:-	AS/JE(VNK)/23/17-18; dt: 19-04-17					
T.S.No:-	TS/CE(VNK)/28/17-18; dt: 19-04-17					
Date of Completion:-	28-7-17					
Date of recording:-	28-7-17					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 01:-						
	Earthwork excavation by manual means:-,						
	Qty vide No. page No. 1841 | 184076 →				272.32	cum	
	At the rate of Rs. 86.92 →						23670.05
	Item No. 10:-						
	Loading and unloading charges.,						
	Qty vide Item No. 01 →				272.32	cum	
	At the rate of Rs. 106.00 →						28865.90
	Item No. 02:-						
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm.,						

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ne of work ..... From
ne of Contractor of nature of Agency.....
e of commencement of work.....

te	Full description, etc, of work	Number
	2	3
	Qty vide page. No. 1841	
	At the rate of Rs. 5159.02	
	Item No. No. 03:-	
	Providing TMT steel rei	
	Qty vide page. No. 1841	
	At the rate of Rs. 59413.0	

IT BOOK

ensions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
ual means:-,			
076 →	272.32 cum		23670.05
ges.,			
2.32 cum.			28865.90
on position plain cement			
sing 40mm..,			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184039

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty vide page.	No. 1841	184078 →		35.32	cum	182216.68
	At the rate of Rs.	5759.02 →					
	Item No. No.03:-						
	Providing TMT steel reinforcement for RCC works.,						
	Qty vide page.	No. 1841	184080 →		19.91	tonne.	1182912.80
	At the rate of Rs.	59413.00 →					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. No.04:-						
	Providing and removing, centering, shuttering, strutting, propping etc., for columns.,						
	Qty vide page. No: 1841 | 1840 82 →				936.24 Sq.m		
	fit the rate of Rs. 387.96 →						363223.5
	Item. No.05:-						
	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement.,						
	Qty vide page No. 1841 | 1840 79 →				29.26 cum.		
	SIDE WALL:-						

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ne of Contractor of nature of Agency.....

e of commencement of work.....

te	Full description, etc, of work	Numb
	2	3
	Mungurappa layout:-	
	0-30	2x2 =
	0-30	2x2 =
	0-13	2x2 =
	Road joining Timmuthahalli	
	1+18:-	
	0-32	1x2 =
	0-30	1x2 = 2
	0-26	1x2 = 2
	0-14.3	1x2 = 2

UREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurem 8
ing, centering, shuttering, strutting,					
1841 | 1840 92 →			936.24 sq.m		
387.96 →					3632.23
ing in position reinforced cement					
20 with OPC cement,					
1841 | 1840 79 →			29.26 cum.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184040

No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
of commencement of work.....

Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Munigurappa layout:-						
0-30	2x2=4	30.0	0.60	0.15	= 10.80	
0-30	2x2=4	30.0	0.60	0.15	= 10.80	
0-13	2x2=4	13.0	0.60	0.15	= 4.68	
					26.28 cum.	
Road joining Amruthahalli colony road:-						
0-32	1x2=2	32.0	0.60	0.15	= 5.76	
0-30	1x2=2	30.0	0.60	0.15	= 5.40	
0-26	1x2=2	26.0	0.60	0.15	= 4.68	
0-14.3	1x2=2	14.3	0.60	0.15	= 2.57	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	R.H.S:-						
	0-26.5	1X2=2	26.50	0.60	0.15	= 4.77	
	0-25.5	1X2=2	25.50	0.60	0.15	= 4.59	
	0-25	1X2=2	25.0	0.60	0.15	= 4.50	
	0-18.8	1X2=2	18.8	0.60	0.15	= 3.38	
						35.65 cum.	
	Sangeerini Nagara:-						
	Back side of school:						
	0-20	1X2=2	20.0	0.60	0.10	= 2.40	
	Near church: 0-26	1X2=2	26.0	0.60	0.10	= 4.68	
						7.08 cum.	
				TOTAL=		98.27 cum	
	Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P, Bangalore.						
	Rs: 6371.66 →						
							626143.00

AE(W2)

Item No.06:-

Providing and fixing reinforced cement concrete siye including centering mixed concrete laid in

Mungurappa layout:-

crossroad: 0-30

30-60

60-73

ENT BOOK

Dimensions: th	Breadth 5	Depth 6	Contents 7	Reference to last Measurem 8
50	0.60	0.15	= 4.77	
50	0.60	0.15	= 4.59	
.0	0.60	0.15	= 4.50	
.8	0.60	0.15	= 3.38	
			35.65 cum.	
.0	0.66	0.10	= 2.40	
6.0	0.60	0.10	= 4.68	
			7.08 cum.	
	TOTAL=		98.27 cum	
				626143.00

Mr. H.N.D
AE(WA)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184041

al No. .....
e of work ..... From ..... To .....
e of Contractor of nature of Agency.....
e of commencement of work.....

e	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item. No. 06:- Providing and fixing 10cms thick pre-cast RCC covering slab being reinforced cement concrete M30 mix with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm.						
	Mungurappa layout:-						
	cross road: 0-30	02	30.0	0.6	= 36.0		
	30-60	02	30.0	0.6	= 36.0		
	60-73	02	13.0	0.6	= 15.60		
					87.60 sqm		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road joining Amruthahalli colony road:-						
	HIS:- 0-32	01	32.0	0.60	- =	19.20	
	0-30	01	30.0	0.60	- =	19.20	
	0-26	01	26.0	0.60	- =	15.60	
	0-14.3	01	14.3	0.60	- =	8.58	
	0-26.5	01	26.50	0.60	- =	15.90	
	0-25.5	01	25.50	0.60	- =	15.30	
	0-25	01	25.0	0.60	- =	15.00	
	0-18.8	01	18.8	0.60	- =	11.28	
						120.06 sq.m	
	Sanjeevinagara:-						
	Back side of school:-	01	20.0	0.60	- =	12.0	

Date	Full description, etc, of work	Num
	2	3
	Near church:-	01
	Slabs in cross roads of Mung	
	cross road	01
		01
		01
	At the rate of Rs.	1836

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MENT BOOK

Dimensions			Contents	Reference to last Measurem
Length 4	Breadth 5	Depth 6	7	8
ony road:-				
32.0	0.60	-	= 19.20	
30.0	0.60	-	= 19.20	
26.0	0.60	-	= 15.60	
14.3	0.60	-	= 8.58	
26.50	0.60	-	= 15.90	
25.50	0.60	-	= 15.30	
25.0	0.60	-	= 15.00	
18.8	0.60	-	= 11.28	
			120.06 sq.m	
20.0	0.60	-	= 12.0	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184042

al No. .....
ne of work ..... From ..... To .....
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e of commencement of work.....

e	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Near church:-	01	26.0	0.60	-	= 15.60	
						27.60 sq.m	
	slabs in cross roads of Mungurappa layout:-						
	cross road	01	15.0	0.90	-	= 13.50	
		01	10.0	0.90	-	= 9.00	
		01	20.0	0.90	-	= 18.0	
						40.50 sq.m	
				TOTAL =		275.70 sq.m	
	At the rate of Rs.	1836.00 →					506185.00

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.09:- Providing and fixing 20cm thick precast Rcc covering slab using reinforced cement concrete M30 mix with stone aggregates 20 mm..,						
	Culvert - covering:-	6.0	1.80	0.60	-	= 6.48 Cum	
						33119.30	
	At the rate of Rs:	5111.00 →					
						TOTAL ⇒ 2946 336.10	
	+ 8% KRIDL-charges.					⇒ 235706.88	
	+ 1% labour-cesscharges.					⇒ 29463.36	
	Grand total:					3211506.00	

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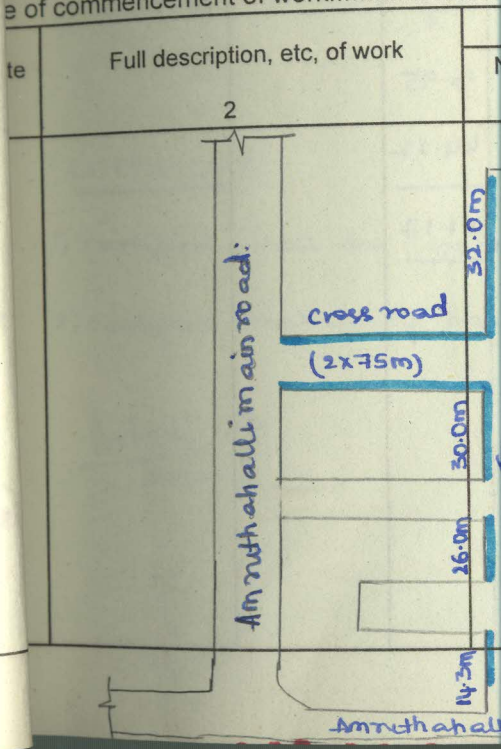
AE, WT)
28/7/17



MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			thick precast Rcc covering	
			concrete Mix mix with stone	
1·80	0·60	-	= 6·48 sqm	
→			33119.30	
		TOTAL ⇒	2946 336·10	
		⇒	235706·88	
		⇒	29463·36	
			3211506·00	

M/s Mf. N.D
AE (W7)
28/7/17

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184043

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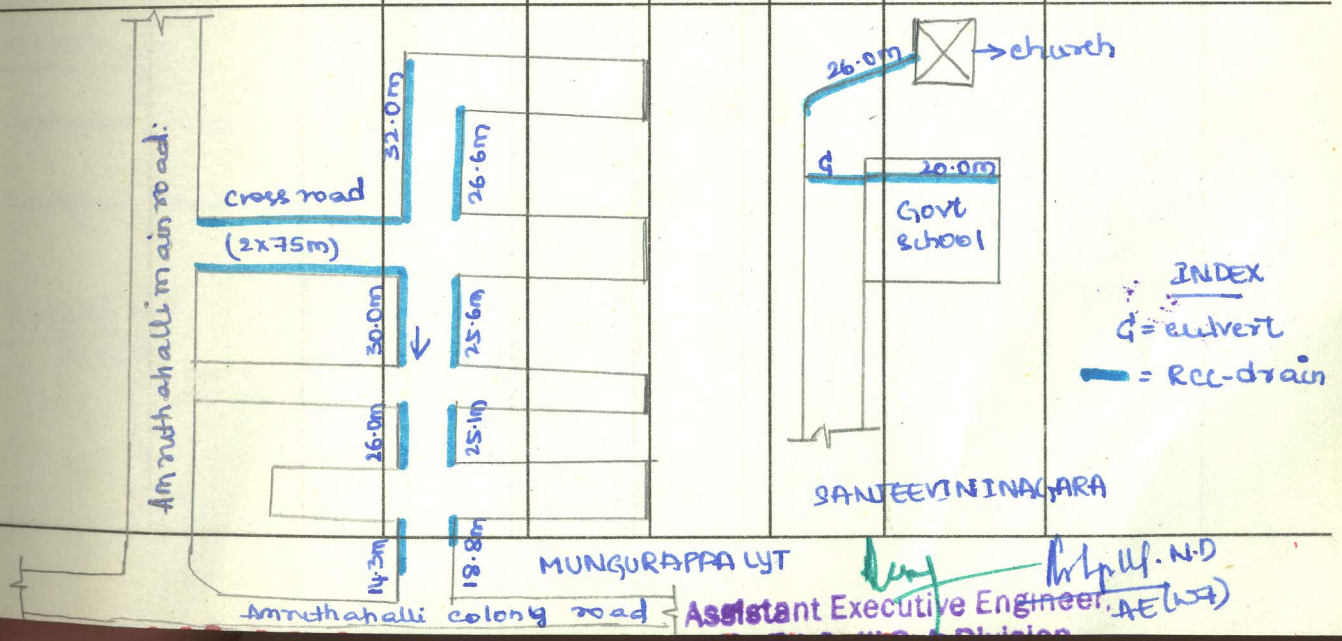
Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8



Assistant Executive Engineer.

M/s Mf. N.D
AE (W7)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Royalty charges:-		Jelly		Sand		
Sl.No.	Details		co-eff Qty		co-eff Qty:		
02.	40mm | 35.32 - cum		0.96 33.90		0.48 16.95		
05.	1:2:4 | 98.27 - cum.		0.90 88.44		0.45 44.22		
	TOTAL		122.34		61.17		
	ABSTRACT:-						
1)	Jelly = 122.34 x 108 | cum	=	13212.72				
2)	Sand: 61.17 x 103 | cum	=	6300.50				
			19513.20				

al No. .....
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te	Full description, etc, of work
	2
	CERTIFICATE:-
	1) Certified that the work
	2) Certified that debris has
	Actly. N.D AE(W7)

REMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Jelly	sand			
ff	Qty	Co-eff	Qty:		
96	33.90	0.48	16.95		
90	88.44	0.45	44.22		
	122.34		61.17		
	13212.72				
	6300.50				
	19513.20				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184044

l No. .....

e of work ..... From ..... To .....

e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
CERTIFICATE:-						
1) Certified that the work done by the contractor is satisfactory.						
2) Certified that debris has been removed from the work spot.						
Instly. N.D AE(W7)						
Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	BRNO: 2 276/29-7-17	3	4	5	6	7	8
						I.T. .. 64230	
						CGST - 32115	
						SGST - 32115	
						FSD - 2505 75 Kg	
						L.R. 19513	
						CESS 32115	
						CESS 3216	
						4338 79	
						CR 24,67,628	
						27,77,628/- Kg	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 32115 07 -

ಗಳು ಸಾಮಗ್ರಿ ಮಾದಿದ ಇದರಲ್ಲಿ ರೂ 4338 79 -

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂದು ಉಳಿದ ಮೊಬಲಗು

ರೂ 2467628/- 2777628 -

Kg

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

ಚಾಮರಾಜನಗರ ವಿಭಾಗ

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of commencement of work.....

e	Full description, etc, of work
	2
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NT BOOK

ensions		Contents	Reference to last Measurem
Breadth 5	Depth 6	7	8
		I.T. 64230	
		CGST 32115	
		SGST 32115	
		FSD 2500575	
		L.R. 19513	
		CESS 32115	
		CE 3216	
		4338 79	
		27,77,628	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184045

al No. .....

e of work ..... From ..... To .....

e of Contractor of nature of Agency.....

of commencement of work.....

e	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Accounts					by	

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore